

IN THE CLAIMS:

Please amend claims 1, 3, 6, 7, 17, 20, 21, 23, and 32 and cancel claims 4 and 22 without prejudice as follows:

1. (Currently amended) A vehicle navigation system, comprising:
 - a memory unit ~~adapted to store~~ for storing map data;
 - an input unit ~~adapted to obtain~~ for obtaining information related to an intersection that the vehicle approaches;
 - a GPS unit ~~adapted to detect~~ for detecting a present position of the vehicle based on information from at least one GPS satellite;
 - a sensor unit ~~adapted to detect~~ for detecting a direction in which the vehicle is traveling;
 - a controller ~~adapted to use~~ for using map data from the memory unit, information related to the intersection from the input unit, information related to the present position of the vehicle from the GPS unit and direction information from the sensor unit in order to generate a map of the intersection, an indication of the vehicle's progression along a road approaching the intersection and at least one road departing the intersection and an arrow indicating a suggested route for approaching and departing the intersection;
 - and
 - a display unit ~~adapted to display~~ for displaying the map of the intersection, the indication of the vehicle's progression and the arrow,
 - wherein the controller ~~is adapted to generate~~ calculates a relative angle between the road approaching the intersection and the at least one road departing the intersection and generates the indication of the vehicle's progression by one of gradually filling the arrow with color and gradually removing color from the arrow.
2. (Previously presented) The navigation system according to claim 1, wherein the map data comprises a plurality of nodes, links and configuration points for generating the map of the intersection.

3. (Currently amended) The navigation system according to claim 1, wherein the controller ~~[[is]] further adapted to control~~ controls the display unit such the road approaching the intersection is aligned vertically with true North.

4. (Canceled)

5. (Canceled)

6. (Currently amended) The navigation system according to claim 2, wherein the controller ~~[[is]] further adapted to indicate~~ indicates the suggested route by links connecting the plurality of nodes.

7. (Currently amended) The navigation system according to claim 1, wherein the controller ~~[[is]] further adapted to generate~~ generates a head of the arrow such that the arrow indicates from which direction the vehicle approaches the intersection and in which direction the vehicle is traveling.

8-15. (Canceled)

16. (Previously presented) The navigation system according to claim 2, wherein the map data comprises at least one of latitude and longitude coordinates of the intersection.

17. (Currently amended) A vehicle navigation system, comprising:
a memory unit ~~adapted to store~~ for storing map data;
an input unit ~~adapted to obtain~~ for obtaining information related to an intersection that the vehicle approaches;
a GPS unit ~~adapted to detect~~ for detecting a present position of the vehicle based on information from at least one GPS satellite;

a sensor unit ~~adapted to detect~~ for detecting a direction in which the vehicle is traveling;

a controller ~~adapted to use~~ for using map data from the memory unit, information related to the intersection from the input unit, information related to the present position of the vehicle from the GPS unit and direction information from the sensor unit in order to generate a map of the intersection and an arrow, the map indicating a road approaching the intersection and at least one road departing the intersection and the arrow indicating the vehicle's progression along a suggested route for approaching and departing the intersection; and

a display unit ~~adapted to display~~ for displaying the map of the intersection and the arrow,

wherein the controller is ~~adapted to generate~~ calculates a relative angle between the road approaching the intersection and the at least one road departing the intersection and generates the indication of the vehicle's progression by one of gradually filling the arrow with color and gradually removing color from the arrow.

18. (Previously presented) The navigation system according to claim 17, wherein the map data comprises a plurality of nodes, links and configuration points for generating the map of the intersection.

19. (Previously presented) The navigation system according to claim 18, wherein the map data comprises at least one of latitude and longitude coordinates of the intersection.

20. (Currently amended) The navigation system according to claim 18, wherein the controller ~~[[is]] further adapted to indicate~~ indicates the suggested route by links connecting the plurality of nodes.

21. (Currently amended) The navigation system according to claim 17, wherein the controller ~~[[is]] further adapted to control~~ controls the display unit such the road approaching the intersection is aligned vertically with true North.

22. (Canceled)

23. (Currently amended) The navigation system according to claim 17, wherein the controller ~~[[is]] further adapted to generate~~ generates a head of the arrow such that the arrow indicates from which direction the vehicle approaches the intersection and in which direction the vehicle is traveling.

24-31. (Canceled)

32. (Currently amended) A vehicle navigation system, comprising:
a GPS unit ~~adapted to detect~~ for detecting a present position of a vehicle based on information from at least one GPS satellite;
a controller ~~adapted to generate~~ for generating a map of an intersection that the vehicle approaches and a first indication of a suggested route for approaching and departing the intersection; and
a display unit ~~adapted to display~~ for displaying the first indication on the map of the intersection and the present position of the vehicle on the first indication,
wherein the controller ~~is adapted to generate~~ calculates a relative angle between a road approaching the intersection and at least one road departing the intersection and generates a second indication of the vehicle's progression by one of gradually filling the first indication with color and gradually removing color from the first indication.

33. (Previously presented) The system according to claim 32, wherein the first indication comprises an arrow.

34. (Previously presented) The system according to claim 33, wherein the allow indicates the vehicle's progression along the suggested route.